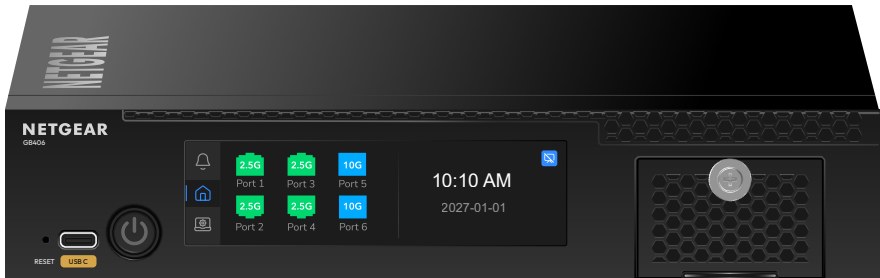




Installation Guide

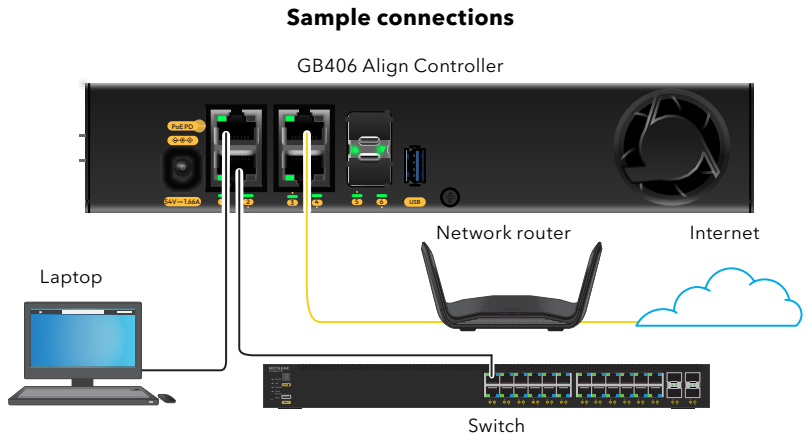
NETGEAR Align Controller Model GB406



Package contents

- GB406 Align Controller
- Power adapter (power plug varies by region)
- Rubber footpads for tabletop installation
- Rack-mount kit
- Console cable (UART/USB)
- Documentation download flyer

1. Connect the controller



2. Set up the controller

Prepare the installation site so that mounting, access, power source, and environmental requirements are met.

1. Install the controller using one of the following methods:
 - **On a flat surface:** Attach the rubber footpads to the four concave spaces on the bottom of the controller.
 - **In a rack:** Use the rack-mount kit that is supplied with your controller.
2. Configure a computer with a static IP address of 192.168.1.12 and a subnet mask of 255.255.255.0.
3. Apply power.

The GB406's LCD screen displays the management IP address.
4. Use an Ethernet cable to connect your controller to your router.
5. Connect your controller to a computer connected to the same network as the controller.
6. Type the device's IP address into your browser's address bar. The factory default IP address is **192.168.1.250**.

NOTE: For more information about these requirements, the hardware setup process, the LEDs, and how to connect devices, see the hardware installation guide, which you can download by visiting netgear.com/support/enterprise.

NOTE: We recommend that you use a Category 5e (Cat 5e) cable or higher-rated cable for Gigabit Ethernet connections.

3. Complete the site setup

On the very first startup, the Site Setup wizard displays. This is the NETGEAR Engage onboarding page where you configure your site and set the admin password.

For new configurations, keep the **Default Site Configuration** radio button selected (it is selected by default).

1. Set the following information for the default site:

- **Site Name:** A name for identification purposes.
- **Site Description:** A description for identification purposes.
- **New Site Admin Password:** The password must be 8 to 64 characters in length and must contain at least one uppercase letter, one lowercase letter, and one number. The following special characters are allowed: ! @# \$ % ^ & * (). To make the password visible, click the eye icon.

The controller pushes this password to each device that it onboards and replaces the local device password with the site password.

- **Confirm Site Admin Password:** Confirm the password.
- **New Site Admin Password Hint:** Enter a password hint (optional).

2. Click the **Next** button.

3. Enter your username and the password you just set.

4. Click the **Login** button.

4. Check the LEDs

When you connect the power cord to the controller and plug it into an electrical outlet, the LEDs indicate the status.

LED	Description
Power	 Solid white: The controller is powered on and operating normally.
	 White, fading in and out: The controller is rebooting or updating firmware.
	 Amber, fading in and out: The controller reboot failed or an error occurred.
	 Off: Power is not supplied to the controller.
2.5G port LED	 Solid green: 2.5G link on this port.
	 Blinking green: 2.5G activity on this port.
	 Solid yellow: 100 Mbps or 1G link on this port.
	 Blinking yellow: 100 Mbps or 1G activity on this port.
10G SFP+ Port LED	 Off: No link is detected on this port.
	 Solid green: The fiber port established a 10G link.
	 Blinking green: The fiber port is transmitting or receiving packets at 10G.
	 Solid yellow: The fiber port established a 1 Gbps link.
	 Blinking yellow: The fiber port is transmitting or receiving packets at 1 Gbps.
	 Off: No SFP+ module link is established on the fiber port.

LCD display

The front-panel LCD screen shows the current system status:

Display	Description
Main Screen (Dashboard)	Device is fully operational. The LCD shows the port dashboard with link status, speed (1G/2.5G/10G), and connection indicators. Use the touch icons to navigate to Information, Settings, and Notifications.

Display	Description
BOOTING	Device is booting up and applying configuration
FIRMWARE UPGRADE	A firmware update is being installed – do not power off
ERROR	A system error has occurred – check the LCD display for detail

Technical specifications

Specification	Description
Ethernet network interfaces	Ports 1-4: Gigabit Ethernet 2.5G copper RJ-45 ports
Uplink ports	Ports 5-6: 10G SFP+ ports
LCD display	Status user interface
Power adapter	54V @ 1.66A DC input
Power consumption	71W
Dimensions (W x D x H)	8.7 x 9.1 x 1.7 in. (220 x 230.2 x 43.2 mm)
Weight	4.6 lb (2096 g)
Operating temperature	32 to 113° F (0 to 45° C)
Operating humidity	10 to 90% relative humidity, noncondensing
Maximum operating altitude	10,000 ft. (3,000 m)
Storage temperature	-4 to 158° F (-20 to 70° C)
Storage humidity	5 to 95% relative humidity, noncondensing
Maximum storage altitude	10,000 ft. (3,000 m)

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Regulatory and Legal

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(If this product is sold in Canada, you can access this document in Canadian French at netgear.com/support/enterprise.)

For safety and regulatory compliance information including the EU Declaration of Conformity, visit netgear.com/about/regulatory/.

See the regulatory compliance document before connecting the power supply.

For NETGEAR's Privacy Policy, visit netgear.com/about/privacy-policy.

Where permitted by law, by using this device, you are agreeing to NETGEAR's Terms and Conditions at netgear.com/about/terms-and-conditions. If you do not agree, return the device to your place of purchase within your return period.

This product is designed and warranted for indoor use only. Do not use this device outdoors. The PoE source is intended for intra building connection only.

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NETGEAR, Inc.

NETGEAR INTERNATIONAL LTD



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